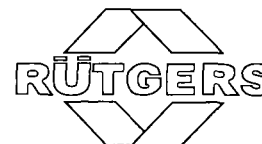


February 8, 2006

VIA CERTIFIED MAIL

Mary Logan
U S EPA Region V (SR-6J)
77 W Jackson Boulevard
Chicago, IL 60604-3590



RUTGERS Organics Corporation

Sheila Abraham
Ohio EPA - NE District Office
Div Of Emergency & Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087

Remedial Response Section Manager
Ohio EPA - DERR
P O Box 1049
Lazarus Government Center Office
122 South Front Street
Columbus, OH 43216-1049

**Re: JANUARY 2007 MONTHLY REPORT
RI/FS & REMEDIAL DESIGN & REMOVAL ACTION
NEASE CHEMICAL SITE
SALEM, OHIO**

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the January 2007 RI/FS Progress Report. This report also includes the monthly progress report for the remedial design (OU-2) in accordance with Paragraph X of the Administrative Order on Consent, effective as of May 10, 2006.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed December 17, 1993, attached is a copy of the January 2007 Removal Action Progress Report

Please contact us if you have any questions regarding activities discussed in these reports

Sincerely,

A handwritten signature in black ink, appearing to read "Rainer F. Domalski".

Dr Rainer F Domalski
Site Coordinator

Enclosures

cc M. Hardy/Heidi Goldstein – Thompson Hine
Steve Finn – Golder Associates, Inc.

020607

201 Struble Road
State College, PA 16801

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Fax 814-238-1567
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Member of the RUTGERS Chemicals Group

US EPA RECORDS CENTER REGION 5



397224

**NEASE CHEMICAL SITE, SALEM, OHIO
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
REMEDIAL DESIGN (OU-2)
MONTHLY PROGRESS REPORT
JANUARY 2007**

1. INTRODUCTION

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent (AOC) regarding a Remedial Investigation/Feasibility Study (RI/FS) and Paragraph X of the Administrative Order on Consent regarding the Remedial Design (RD/OU-2) of the Nease Chemical Site in Salem, Ohio. The report summarizes the major RI/FS and RD actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented.

2 SUMMARY OF ACTIVITIES PERFORMED

2.1 PROJECT ACTIVITY SUMMARY

The activities that were initiated and/or completed during the month are described. All activities were performed in accordance with the detailed protocol provided in the approved Work Plan.

2.2 FIELDWORK

2.2.1 RI/FS

The floodplain soil samples taken in September 2006 were shipped to the OEPA lab for mirex analysis.

2.2.2 RD (OU-2)

According with the PDI workplan the following work was accomplished during this month:

- NZVI Field Pilot Study
Third round of groundwater sampling in the week of January 1, 2007.
- S/S/S Treatability Study
Phase III of the treatability study was completed.
- PDI – Report
Technical Memo – Baseline Conditions

2.3 Reports

2.3.1 RI/FS

In preparation of the upcoming Feasibility Study (FS) for OU-3 (Feeder Creek, MFLBC), the agencies and ROC agreed on additional sampling in the MFLBC including sediment, fish, surface water and flood plain soil to have a sufficient data base for the study. The first step, the reconnaissance of sediment bodies in the MFLBC, was performed from August 1 through 15, 2005. Sediment and fish samples were taken in the week of October 10, 2005, the surface water samples in the last October week. The analytical results of the samples taken were validated by the ROC's technical consultant and submitted to the agencies. Sampling locations for the flood

plain soil were determined. ROC has obtained an access agreement with the owners. The actual sampling was conducted in the week of September 18, 2006

The technical team consisting from representatives of U.S. EPA, Ohio EPA, Golder and ROC had a kick-off meeting on September 27, 2006 in Columbus, Ohio, to commence the work on the Feasibility Study (FS) for the Feeder Creek and MFLBC. A follow-up meeting was conducted on December 13, 2006 discussing potential cleanup goals and methods.

2.3.2 RD (OU-2)

The results of the ongoing PDI field investigation and lab studies are discussed in frequent conference calls between the agencies, ROC and its technical consultant.

Based on the groundwater sampling results in two off-site temporary monitoring wells, it was decided to sample sub-slab soil vapors at two residential homes at Benton Road

2.4 MEETINGS

None.

3 VARIATIONS FROM THE APPROVED WORK PLAN

None.

4 RESULTS OF SAMPLING, TESTS AND ANALYSES

The results from the sampling were and will be provided to the agencies in specific reports.

5 PROJECT SCHEDULE

The current Work Plan schedule identifies completion and target dates for project activities. Those scheduled to occur over the next several months include:

- Feasibility Study OU-3 (Feeder Creek, Middle Fork of Little Beaver Creek)
- Continue PDI field/lab work (NZVI sampling) as well as preparation of PDI Report

6 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

No significant difficulties were encountered.

7 PERSONNEL CHANGES

None

8 ANTICIPATED PROJECT ACTIVITIES FOR FEBRUARY 2007

- Monthly Progress Report January 2007
- RI/FS
 - OU-3 Feasibility Study
 - Analysis of soil samples recovered during the floodplain sampling in September 2006
- RD (OU-2)
 - Southern Area Groundwater Assessment – Sub-slab soil vapor sampling at residential properties located at 1229 and 1235 Benton Road
 - Continue with the NZVI Field Pilot Study. The fourth round of

- groundwater sampling is scheduled for February 19, 2007.
- Continue with the preparation of the Baseline Conditions Report.

TABLE 1
NEASE CHEMICAL SITE, SALEM, OHIO
RI/FS AND RD (OU-2) SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	RD (OU-2)
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report	
August 30, 2004	US EPA Region VI/ OEPA approve Endangerment Assessment	
September 1, 2004	Draft Feasibility Study (OU-2) submitted to the agencies for review	
September 9, 2004	Submit Monthly Progress Report	
September 13, 2004	Submit Final Revision to Endangerment Assessment	
October 8, 2004	Submit Monthly Progress Report	
November 10, 2004	Submit Monthly Progress Report	
November 22, 2004	Received Agencies' comments for draft FS (OU-2)	
December 10, 2004	Submit Monthly Progress Report	
January 10, 2005	Submit Monthly Progress Report	
February 10, 2005	Submit Monthly Progress Report	
March 1, 2005	Final Draft Feasibility Study (OU-2) submitted to agencies for review	
March 4, 2005	Submit Monthly Progress Report	
April 8, 2005	Submit Monthly Progress Report	
April 21, 2005	US EPA Region VI/OEPA approve Final Feasibility Study for OU-2	
May 9, 2005	Submit Monthly Progress Report	
May 31, 2005	US EPA Region V published the Proposed Remedial Action the OU-2 (onsite)	
June 9, 2005	Submit Monthly Progress Report	
July 8, 2005	Submit Monthly Progress Report	
August 10, 2005	Submit Monthly Progress Report	
Aug. 1 – 15, 2005	MFLBC – Reconnaissance of sediment bodies	
September 9, 2005	Submit Monthly Progress Report	
September 29, 2005	US EPA Region V signs Final Record of Decision for OU-2	
October 10, 2005	Submit Monthly Progress Report	

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	RD (OU-2)
November 9, 2005	Submit Monthly Progress Report	
December 8, 2005	Submit Monthly Progress Report	
January 9, 2006	Submit Monthly Progress Report	
February 8, 2006	Submit Monthly Progress Report	
March 15, 2006	Submit Monthly Progress Report	
April 10, 2006	Submit Monthly Progress Report	
May 8, 2006	Submit Monthly Progress Report	
May 10, 2006		Administrative Order on Consent for OU-2 Remedial Design effective
May 25, 2006		Submittal of draft PDI Workplan
June 8, 2006	Submit Monthly Progress Report	
June 9, 2006		ACO Financial Assurance – Trust Fund placed
June 28, 2006		US EPA comments to draft PDI workplan received
July 10, 2006	Submit Monthly Progress Report	
July 12, 2006		Sampling of well PZ-6B-U
Aug. 1, 2006		Submit revised PDI Workplan
Aug. 4, 2006	Submit Monthly Progress Report	
Aug. 21, 2006		Commenced with PDI Fieldwork
Aug. 28, 2006		Conditional Approval of PDI Workplan
Sept. 8, 2006	Submit Monthly Progress Report	
Sept. 18, 2006	Soil Sampling in the MFLBC Flood Plain	
Sept. 27, 2006		Submit Final PDI Workplan incl. response to agencies' comments
October 8, 2006	Submit Monthly Progress Report	
Nov. 6, 2006	Submit Monthly Progress Report	
Dec. 12, 2006	Submit Monthly Progress Report	
Dec. 13, 2006	OU-3 Meeting in US EPA Chicago Office	
Jan. 8, 2007	Submit Monthly Progress Report	
Febr. 6, 2007	Submit Monthly Progress Report	

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**NEASE CHEMICAL SITE, SALEM, OHIO
REMOVAL ACTION
MONTHLY PROGRESS REPORT
JANUARY 2007**

1.0 INTRODUCTION

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No V-W-94-C-212, effective November 17, 1993, regarding a Removal Action for the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project. Activities planned for next month are also presented.

2.0 SUMMARY OF ACTIVITIES PERFORMED

2.1 PROJECT ACTIVITY

The activities that were initiated and/or completed during this month are described below. Activities were performed in accordance with the Removal Action AOC.

The agencies and ROC discussed modifications of the existing onsite groundwater treatment system to optimize the protection against spills. ROC summarized the modifications agreed by the parties in a letter to the agencies. The contractor bids were received and will be awarded

2.2 WORK PLAN PREPARATION/REPORTS

No work plans/reports were submitted this period.

2.3 FIELDWORK

2.3.1 SITE INSPECTIONS

The results of the monthly site inspection carried out at the site on January 31, 2007 are shown in Attachment 1.

2.3.2 MONTHLY WATER LEVEL MEASUREMENTS

The next water level measurements will be conducted in February 2007.

2.3.3 TREATMENT PLANT OPERATION

The treatment plant operated mostly normal throughout the month.

2.4.1.1 MEETINGS

None

3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN

None

4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES

Water monitoring samples were collected from the treatment plant on January 3 and 17 (see Attachments 2 and 3). The next Acute/Chronic Toxicity Evaluations will be conducted in February 2007

Also included are the MPK test results from December 19, 2006 sampling event (Attachment 4).

5.0 PROJECT SCHEDULE

The updated Work Plan schedule identifies completion and target dates for project activities.

6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

None

7.0 PERSONNEL CHANGES

No personnel changes occurred during month.

8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS

For the period from January 1 through 31, 2007 the following material was removed:

- 15,600 gallons of leachate and/or backwash water were disposed off-site at a licensed treatment facility.
- Approximately 166,394 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 = 19,680,893 gal).
- Approximately 14,933 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,539,407 gal).
- No water was pumped from Pond 1 (total for the pond = 1,021,138/ gallons).
- Approximately 22 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source).

9.0 ANTICIPATED PROJECT ACTIVITIES FOR FEBRURY 2007

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving:

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1.
- Implementation of planned treatment plant modifications
- Monthly Progress Report for January 2007

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TABLE 1
NEASE CHEMICAL SITE, SALEM, OHIO
REMOVAL ACTION SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report
September 9, 2004	Submit Monthly Progress Report
October 8, 2004	Submit Monthly Progress Report
November 10, 2004	Submit Monthly Progress Report
December 10, 2004	Submit Monthly Progress Report
January 10, 2005	Submit Monthly Progress Report
February 10, 2005	Submit Monthly Progress Report
March 4, 2005	Submit Monthly Progress Report
April 8, 2005	Submit Monthly Progress Report
May 9, 2005	Submit Monthly Progress Report
June 9, 2005	Submit Monthly progress Report
July 8, 2005	Submit Monthly Progress Report
August 10, 2005	Submit Monthly Progress Report
September 9, 2005	Submit Monthly Progress Report
October 10, 2005	Submit Monthly Progress Report
November 9, 2005	Submit Monthly Progress Report
December 8, 2005	Submit Monthly Progress Report
January 9, 2006	Submit Monthly Progress Report
February 8, 2006	Submit Monthly Progress Report
March 15, 2006	Submit Monthly Progress Report
April 10, 2006	Submit Monthly Progress Report
May 8, 2006	Submit Monthly Progress Report
June 8, 2006	Submit Monthly Progress Report
July 10, 2006	Submit Monthly Progress Report
August 4, 2006	Submit Monthly Progress Report
September 8, 2006	Submit Monthly Progress Report
October 8, 2006	Submit Monthly Progress Report
November 6, 2006	Submit Monthly Progress Report
December 12, 2006	Submit Monthly Progress Report
January 8, 2007	Submit Monthly Progress Report
February 6, 2007	Submit Monthly Progress Report

ATTACHMENT 1
RESULTS OF MONTHLY SITE INSPECTION
NEASE CHEMICAL SITE, SALEM, OHIO
JANUARY 2007

SITE INSPECTION FORM
RUETGERS-NEASE CORPORATION
Nease Site, Salem, Ohio

Date of Inspection: 1-31-07

Entry Time: 12:00 Hrs. Exit Time: 1500 Hrs.

Weather: COLD 20° PARTLY CLOUDY

Inspector's Name: DENNIS L. LANE

Inspector's Company: Howells and Baird, Inc.

INSPECTION RESULTS

SPECIFIC OBSERVATIONS: Structures

(Responses: S = Satisfactory U = Unsatisfactory Yes/No Levels Measured in Feet, N/A = Not Applicable)

	Pump	Quick Connect	Water Level	Berm Erosion	Visible Leakage
Leachate Collection System 1 (LCS-1)	S	S	8.21	N/A	No
Leachate Collection System 2 (LCS-2)	S	S	9.45	N/A	No
Pond 1 Pumphouse	S	S	8.60	N/A	No
Pond 1 Berm	N/A	N/A	N/A	No	No
Pond 2 Embankment	N/A	N/A	N/A	No	No
Exclusion Area A Embankment	N/A	N/A	N/A	No	No
Storage Tank	N/A	S	6.17	N/A	No
Other (specify)					

SPECIFIC OBSERVATIONS:

Sediment Barriers

Condition of Sediment Barriers

Barrier ID	Fabric Intact?	By Passing Evident?	Is Maintenance Necessary?
Sediment Control Structure 1	YES	No	No
Sediment Control Structure 2	YES	No	No
Fabric Barrier 2	YES	No	No
Fabric Barrier 3	YES	No	No
Fabric Barrier 4	YES	No	No
Fabric Barrier 5	YES	No	No
Fabric Barrier 8	YES	No	No
Fabric Barrier 9	YES	No	No
Fabric Barrier 10	YES	No	No
Rock Barrier 1	YES	No	No
Rock Barrier 2	YES	No	No
Pond 7 - North	YES	No	No
Pond 7 - South	YES	No	No

SPECIFIC OBSERVATIONS:

Seeps (if present, use more forms, as necessary)

Seep ID (yr-month-#)	Located on Map	Areal Extent (ft ²)	Magnitude (flow?, ponding?)
94-7-1	YES	20	NON-FLOWING SEEP
96-8-2	YES	20	NON-FLOWING SEEP

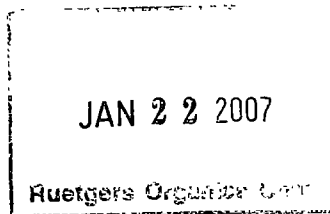
Note Seep ID # equal the "nth" observed seep during the yr-month in question

ADDITIONAL OBSERVATION OR REMARKS:

Inspector's Name: DENNIS L. LANEInspector's Signature: Dennis L. LaneDate: 1-31-07

ATTACHMENT 2

**WATER SAMPLING RESULTS – JANUARY 3, 2007
NEASE CHEMICAL SITE, SALEM, OHIO**



STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A7A040190

Dr. Rainer Domalski

Rutgers Organics Corporation
201 Struble Road
State College, PA 16801

SEVERN TRENT LABORATORIES, INC.

Kenneth J. Kuzior
Project Manager

January 17, 2007

SAMPLE SUMMARY

A7A040190

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JMEE8	001	INFLUENT 1-3-07	01/03/07	13:00
JMEFA	002	OUTFALL 1-3-07	01/03/07	13:00

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages
- All calculations are performed before rounding to avoid round-off errors in calculated results
- Results noted as "ND" were not detected at or above the stated limit
- This report must not be reproduced, except in full, without the written approval of the laboratory
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

Rutgers Organics Corporation

Client Sample ID: INFLUENT 1-3-07

General Chemistry

Lot-Sample #...: A7A040190-001 Work Order #...: JMEE8 Matrix.....: WG
 Date Sampled...: 01/03/07 13:00 Date Received...: 01/04/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	01/04/07	7005151
		Dilution Factor: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	01/04/07	7005152
		Dilution Factor: 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW 350.2	01/08/07	7008312
		Dilution Factor: 1				
Total phosphorus	ND	0.1	mg/L	MCAWW 365.2	01/11/07	7011351
		Dilution Factor: 1				

Rutgers Organics Corporation

Client Sample ID: OUTFALL 1-3-07

General Chemistry

Lot-Sample #...: A7A040190-002 Work Order #...: JMEFA Matrix.....: WG
Date Sampled...: 01/03/07 13:00 Date Received...: 01/04/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	01/04/07	7005151
		Dilution Factor: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	01/04/07	7005152
		Dilution Factor: 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW 350.2	01/08/07	7008312
		Dilution Factor: 1				
Total phosphorus	0.1	0.1	mg/L	MCAWW 365.2	01/11/07	7011351
		Dilution Factor: 1				

ATTACHMENT 3

**WATER SAMPLING RESULTS – JANUARY 17, 2007
NEASE CHEMICAL SITE, SALEM, OHIO**

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: INFLUENT 1-17-07

Sample #: 001 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Acetone	ND	4200	ug/L	SW846 8260B
Benzene	260 J	420	ug/L	SW846 8260B
Bromobenzene	ND	420	ug/L	SW846 8260B
Bromochloromethane	ND	420	ug/L	SW846 8260B
Bromodichloromethane	ND	420	ug/L	SW846 8260B
Bromoform	ND	420	ug/L	SW846 8260B
Bromomethane	ND	420	ug/L	SW846 8260B
2-Butanone	ND	4200	ug/L	SW846 8260B
n-Butylbenzene	ND	420	ug/L	SW846 8260B
sec-Butylbenzene	ND	420	ug/L	SW846 8260B
tert-Butylbenzene	ND	420	ug/L	SW846 8260B
Carbon tetrachloride	ND	420	ug/L	SW846 8260B
Chlorobenzene	220 J	420	ug/L	SW846 8260B
Dibromochloromethane	ND	420	ug/L	SW846 8260B
Chloroethane	ND	420	ug/L	SW846 8260B
Chloroform	ND	420	ug/L	SW846 8260B
Chloromethane	ND	420	ug/L	SW846 8260B
2-Chlorotoluene	ND	420	ug/L	SW846 8260B
4-Chlorotoluene	ND	420	ug/L	SW846 8260B
1,2-Dibromoethane	ND	420	ug/L	SW846 8260B
Dibromomethane	ND	420	ug/L	SW846 8260B
1,2-Dichlorobenzene	6700	420	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	420	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	420	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	420	ug/L	SW846 8260B
1,1-Dichloroethane	ND	420	ug/L	SW846 8260B
1,2-Dichloroethane	230 J	420	ug/L	SW846 8260B
cis-1,2-Dichloroethene	10000	420	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	420	ug/L	SW846 8260B
1,1-Dichloroethene	ND	420	ug/L	SW846 8260B
1,2-Dichloropropane	ND	420	ug/L	SW846 8260B
1,3-Dichloropropane	ND	420	ug/L	SW846 8260B
2,2-Dichloropropane	ND	420	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	420	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	420	ug/L	SW846 8260B
1,1-Dichloropropene	ND	420	ug/L	SW846 8260B
Ethylbenzene	ND	420	ug/L	SW846 8260B

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: INFLUENT 1-17-07

Sample #: 001 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Isopropylbenzene	ND	420	ug/L	SW846 8260B
p-Isopropyltoluene	ND	420	ug/L	SW846 8260B
Methylene chloride	400 J	420	ug/L	SW846 8260B
n-Propylbenzene	ND	420	ug/L	SW846 8260B
Styrene	ND	420	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	420	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	120 J	420	ug/L	SW846 8260B
Tetrachloroethene	440	420	ug/L	SW846 8260B
Toluene	ND	420	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	420	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	420	ug/L	SW846 8260B
Trichloroethene	200 J	420	ug/L	SW846 8260B
Trichlorofluoromethane	ND	420	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	420	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	420	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	420	ug/L	SW846 8260B
Vinyl chloride	360 J	420	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	830	ug/L	SW846 8260B
o-Xylene	ND	420	ug/L	SW846 8260B

J Estimated result Result is less than RL

Semivolatile Organic Compounds by GC/MS

Reviewed

Anthracene	ND	2500	ug/L	SW846 8270C
Benzo(a)anthracene	ND	2500	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	2500	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	2500	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	2500	ug/L	SW846 8270C
Benzo(a)pyrene	ND	2500	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	2500	ug/L	SW846 8270C
Chrysene	ND	2500	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	2500	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	2500	ug/L	SW846 8270C
1,2-Dichlorobenzene	6800	2500	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	2500	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	2500	ug/L	SW846 8270C
Dimethyl phthalate	ND	2500	ug/L	SW846 8270C

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7A180130 Rutgers Organics Corporation PAGE 3
SALEM, OHIO SITE Date Reported: 1/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
-----------	--------	--------------------	-------	----------------------

Client Sample ID: INFLUENT 1-17-07

Sample #: 001 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS

Reviewed

Fluorene	ND	2500	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	2500	ug/L	SW846 8270C
2-Methylnaphthalene	ND	2500	ug/L	SW846 8270C
4-Methylphenol	ND	2500	ug/L	SW846 8270C
Naphthalene	ND	2500	ug/L	SW846 8270C
Phenanthrene	ND	2500	ug/L	SW846 8270C
Phenol	ND	2500	ug/L	SW846 8270C
Pyrene	ND	2500	ug/L	SW846 8270C
Phenyl sulfone	ND	500	ug/L	SW846 8270C
3,4-Dichloronitrobenzene	ND	2500	ug/L	SW846 8270C

Inorganic Analysis

Reviewed

pH Aqueous	7.1		No Units	SW846 9040B
Filterable Residue (TDS)	390	10	mg/L	MCAWW 160.1
Non-Filterable Residue (TSS)	11	4.0	mg/L	MCAWW 160.2

Client Sample ID: LGAC 1-17-07

Sample #: 002 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: LGAC 1-17-07

Sample #: 002 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Rutgers Organics Corporation

Lot #: A7A180130 SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: LGAC 1-17-07

Sample #: 002 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

Inorganic Analysis

Reviewed

pH Aqueous	8.1		No Units	SW846 9040B
Filterable Residue (TDS)	380	10	mg/L	MCAWW 160.1
Non-Filterable Residue (TSS)	ND	4.0	mg/L	MCAWW 160.2

Client Sample ID: OUTFALL 1-17-07

Sample #: 003 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Mercury in Liquid Waste (Manual Cold-Vapor)

Reviewed

Mercury	ND	0.00020	mg/L	SW846 7470A
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ICP-MS (6020)

Reviewed

Silver	ND	0.0010	mg/L	SW846 6020
Aluminum	ND	0.050	mg/L	SW846 6020
Arsenic	0.012	0.0010	mg/L	SW846 6020
Beryllium	ND	0.0010	mg/L	SW846 6020
Cadmium	ND	0.0010	mg/L	SW846 6020
Chromium	ND	0.0020	mg/L	SW846 6020
Copper	ND	0.0020	mg/L	SW846 6020
Iron	0.57	0.020	mg/L	SW846 6020
Nickel	0.012	0.0020	mg/L	SW846 6020
Lead	ND	0.0010	mg/L	SW846 6020
Antimony	ND	0.0020	mg/L	SW846 6020
Thallium	ND	0.0010	mg/L	SW846 6020
Zinc	ND	0.010	mg/L	SW846 6020

Volatile Organics by GC/MS

Reviewed

Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 1-17-07

Sample #: 003 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Lot #: A7A180130 Rutgers Organics Corporation PAGE 7
SALEM, OHIO SITE Date Reported: 1/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 1-17-07

Sample #: 003 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Methylene chloride	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

Semivolatile Organic Compounds by GC/MS

Reviewed

Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Lot #: A7A180130 Rutgers Organics Corporation PAGE 8
SALEM, OHIO SITE Date Reported: 1/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 1-17-07

Sample #: 003 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS

Reviewed

4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Phenyl sulfone	ND	2.0	ug/L	SW846 8270C
3,4-Dichloronitrobenzene	ND	10	ug/L	SW846 8270C

Organochlorine Pesticides

Reviewed

Methoxychlor	ND	0.10	ug/L	SW846 8081A
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Inorganic Analysis

Reviewed

Carbonaceous BOD	ND	2	mg/L	MCAWW 405.1
Free Cyanide	ND	0.010	mg/L	SM18 4500-CN-I
Chemical Oxygen Demand	ND	20	mg/L	MCAWW 410.4
N-Hexane Extractable Material (1664A)	ND	5.0	mg/L	CFR136A 1664A HEM
Ammonia Nitrogen	ND	2.0	mg/L	MCAWW 350.2
pH Aqueous	8.2		No Units	SW846 9040B
Filterable Residue (TDS)	380	10	mg/L	MCAWW 160.1
Total Organic Carbon	ND	1	mg/L	SW846 9060
Non-Filterable Residue (TSS)	ND	4.0	mg/L	MCAWW 160.2

Client Sample ID: TRIP BLANK

Sample #: 004 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Acetone	3.0 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Lot #: A7A180130 Rutgers Organics Corporation PAGE 9
SALEM, OHIO SITE Date Reported: 1/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: TRIP BLANK

Sample #: 004 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	2.0	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: TRIP BLANK

Sample #: 004 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: WATER

Volatile Organics by GC/MS

Reviewed

1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

J Estimated result Result is less than RL

Client Sample ID: AGAC 1-2 1-17-07

Sample #: 005 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

Benzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromodichloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromoform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Carbon tetrachloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromochloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromomethane	ND	1.0	ppb (v/v)	EPA-2 TO-14A
1,2-Dichlorobenzene	0.71	0.50	ppb (v/v)	EPA-2 TO-14A
1,3-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,4-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dichlorodifluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Lot #: A7A180130 Rutgers Organics Corporation SALEM, OHIO SITE Date Reported: 1/25/07 PAGE 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: AGAC 1-2 1-17-07

Sample #: 005 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

cis-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloropropane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Ethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Cumene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
n-Propylbenzene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
Styrene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Tetrachloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Toluene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,1-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichlorofluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2,3-Trichloropropane	ND	1.2	ppb (v/v)	EPA-2 TO-14A
1,3,5-Trimethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Vinyl chloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
m-Xylene & p-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
o-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A

Client Sample ID: AGAC-F 1-17-07

Sample #: 006 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

Benzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromodichloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromoform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Carbon tetrachloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromochloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND	0.50	ppb (v/v)	EPA-2 TO-14A

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Rutgers Organics Corporation PAGE 12

Lot #: A7A180130 SALEM, OHIO SITE Date Reported: 1/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: AGAC-F 1-17-07

Sample #: 006 Date Sampled: 01/17/07 13:00 Date Received: 01/18/07 Matrix: AIR

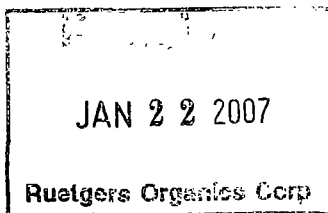
Volatile Organics by TO14 A (Low Level)

Reviewed

Dibromomethane	ND	1.0	ppb (v/v)	EPA-2 TO-14A
1,2-Dichlorobenzene	0.93	0.50	ppb (v/v)	EPA-2 TO-14A
1,3-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,4-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dichlorodifluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloropropane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Ethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Cumene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
n-Propylbenzene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
Styrene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Tetrachloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Toluene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,1-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichlorofluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2,3-Trichloropropane	ND	1.2	ppb (v/v)	EPA-2 TO-14A
1,3,5-Trimethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Vinyl chloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
m-Xylene & p-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
o-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A

ATTACHMENT 4

**WATER SAMPLING RESULTS/MIREX – DECEMBER 19, 2007
NEASE CHEMICAL SITE, SALEM, OHIO**



STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel. 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A6L200234

Dr. Rainer Domalski

Rutgers Organics Corporation
201 Struble Road
State College, PA 16801

SEVERN TRENT LABORATORIES, INC.

Kenneth J. Kuzior
Project Manager

January 17, 2007

Analytical Report

Severn Trent Laboratories

Exygen Research Project: L0010426

Testing Laboratory

Exygen Research
3058 Research Drive
State College, PA 16801

Requester

Ken Kuzior
Severn Trent Laboratories
4101 Shuffel Drive NW
North Canton, OH 44720

X 3058 Research Drive
State College, PA 16801, USA
T: 814.272.1039
F: 814.231.1580
exygen.com

1 Introduction

Results are reported for the analysis of three samples for mirex, photomirex, and kepone. The samples were received from Severn Trent Laboratories. The samples are part of the Rutgers Organics Corporation October Sampling Event.

2 Sample Receipt

The sample shipments were logged in and given unique Exygen laboratory identification numbers. The samples were stored refrigerated at 4°C from time of receipt until analysis. A copy of the custody documents, and sample login reports are presented in Attachment A. Listed below is the sample receipt information for the project received.

Sample Identification	Exygen ID	Date Sampled	Date Received	Sample Matrix
A6L200234-1 Influent 12-19-06	L0010426-0001	12/19/06	12/21/06	Water
A6L200234-2 LGAC 2-3-12-19-06	L0010426-0002	12/19/06	12/21/06	Water
A6L200234-3 Outfall 12-19-06	L0010426-0003	12/19/06	12/21/06	Water

3 Sample Analysis

3.1 Analysis

Listed in Table 1 are the parameters, methods and laboratory performing each of the analysis.

Table 1

Parameter	Method	Laboratory
mirex, photomirex, kepone (MPK)	SOP 6.2	Exygen Research

3.2 Holding Times

All holding times were met for the requested analysis.

3.3 Quality Control

Quality control included those parameters prescribed by each method or SOP.

3.4 Sample Related Comments

There were no problems related to the analysis of this sample.

4 Data Summary

Results are reported in Attachment B.

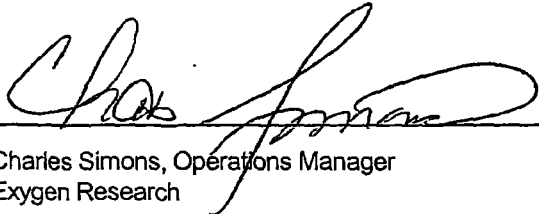
5 Data/Sample Retention

Samples are disposed of one month after the report is issued unless otherwise specified. All electronic data is archived on retrievable media and hard copy reports are stored in data folders maintained by Exygen Research. Hardcopy data is stored for a minimum of five years.

6 Attachments

- 6.1 Attachment A: Chain-of-Custody
- 6.2 Attachment B: Data Summary, Exygen Research

7 Signatures

 1/16/07

Charles Simons, Operations Manager
Exygen Research



3058 Research Drive
State College, PA 16801

Phone: 814-272-1039
Fax: 814-231-1580

Login

Login Group: L0010426

Login #:	10537	Conform COC Sample:	True
Project:	P0002201	Conform COC:	True
Company Name:	Severn Trent Laboratories	Conform Sample:	True
Submitted By:	Ken Kuzior	Conform Request:	True
Login Type:	Immediate Receipt of Samples		
Started:	True		
Date Start:	12/21/2006		
Due Date:	12/31/2006		
Login Initiated*:	12/21/2006		

* Dates entered into "Login Initiated" field prior to 1/5/06 reflect dates of receipt. The field was formerly called "Received Date"

Received By: Ammerman, Mark

Spread Sample:

Label:

Exygen SD/PI: Simons, Charles

Project Title/Type: Analysis of water and soil samples for Mirex, Photomirex, and Kepone (MPK) / ROUTINE

Login Notes:

Packages / Containers

Package	Carton	Date / Condition	Shipper / ID	Temp. Control/Temp.	Direction / Handled By
PK0012472		Received Date: 12/21/06 11:55 Package & Contents Uncompromised	FEDEX 6983 4583 5944	Wet Ice 1.4	RECEIVED Ammerman, Mark

Container #	Gross Weight	pH	Container Type	Preservative	Mfg. Lot	Mfg ID
C0227016	1,345.60 g		1 liter amber glass	NONE		
C0227017	1,403.30 g		1 liter amber glass	NONE		
C0227018	1,356.90 g		1 liter amber glass	NONE		
C0227019	1,388.50 g		1 liter amber glass	NONE		
C0227020	1,400.10 g		1 liter amber glass	NONE		
C0227021	1,385.20 g		1 liter amber glass	NONE		

Client ID: A6L200234-1 Influent 12-19-06

Lab ID: L0010426-0001

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<u>PESTICIDE ANALYSIS</u>						
KEPONE	ug/L	U 0.042	0.042	SOP 6.2	5-Jan-07	TA
PHOTOMIREX	ug/L	U 0.006	0.006	SOP 6.2	5-Jan-07	TA
MIREX	ug/L	0.438	0.002	SOP 6.2	5-Jan-07	TA

Client ID: A6L200234-2 LGAC 2-3-12-19-06

Lab ID: L0010426-0002

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<u>PESTICIDE ANALYSIS</u>						
KEPONE	ug/L	U 0.042	0.042	SOP 6.2	5-Jan-07	TA
PHOTOMIREX	ug/L	U 0.006	0.006	SOP 6.2	5-Jan-07	TA
MIREX	ug/L	U 0.002	0.002	SOP 6.2	5-Jan-07	TA

Client ID: A6L200234-3 Outfall 12-19-06

Lab ID: L0010426-0003

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<u>PESTICIDE ANALYSIS</u>						
KEPONE	ug/L	U 0.042	0.042	SOP 6.2	5-Jan-07	TA
PHOTOMIREX	ug/L	U 0.006	0.006	SOP 6.2	5-Jan-07	TA
MIREX	ug/L	U 0.002	0.002	SOP 6.2	5-Jan-07	TA